

# Product safety & warranty information.

# Important Safety Information

This section contains important operational and safety information that will help you safely use your phone. Failure to read and follow the information provided in this section may result in serious bodily injury, death, or property damage.

## General Precautions

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Speak directly into the mouthpiece.
- Do not expose your phone to direct sunlight for extended periods of time (such as on the dashboard of a car).
- Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.
- Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment.

**Note:** For the best care of your phone, only Kyocera-authorized personnel should service your phone and accessories. Failure to do so may be dangerous and void your warranty.

## **Maintaining Safe Use of and Access to Your Phone**

### **Do Not Rely on Your Phone for Emergency Calls**

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Mobile phones operate using radio signals, which cannot guarantee connection in all conditions. Therefore you should never rely solely upon any mobile phone for essential communication (e.g., medical emergencies). Emergency calls may not be possible on all cellular networks or when certain network services or mobile phone features are in use. Check with your local service provider for details.

### **Using Your Phone While Driving**

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Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific restrictions. Remember that safety always comes first.

### **Following Safety Guidelines**

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To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

## Medical Devices

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If you have a medical device, including an implantable medical device such as a pacemaker or defibrillator, consult your healthcare provider and the device manufacturer's directions before using this mobile phone.

Persons with implantable medical devices:

- Should always keep the mobile phone more than six (6) inches from the implantable medical device when the mobile phone is turned ON.
- Should not carry the mobile phone in the breast pocket.
- Should use the ear opposite the implantable medical device to minimize the potential for interference.
- Should turn OFF the mobile phone immediately if you have any reason to suspect that interference is taking place.

## Using Your Phone Near Other Electronic Devices

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Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems or entertainment systems in motor vehicles. Check with

the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

**Note:** Always turn off the phone in healthcare facilities, and request permission before using the phone near medical equipment.

## Using Your Phone On Airplanes

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On airplanes, follow applicable airline regulations and always follow the flight crew's instructions concerning the use of your phone.

## Turning Off Your Phone in Dangerous Areas

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To avoid interfering with blasting operations, turn your phone off when in a blasting area or in other areas with signs indicating two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn your phone off when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone and accessories could generate sparks. Sparks can cause an explosion or fire, resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations
- Below deck on boats
- Fuel or chemical transfer or storage facilities
- Areas where the air contains chemicals or particles such as grain, dust, or metal powders
- Any other area where you would normally be advised to turn off your vehicle's engine

**Note:** Never transport or store flammable gas, flammable liquids, or explosives in the compartment of your vehicle that contains your phone or accessories.

## Restricting Children's Access to Your Phone

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Your phone is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the phone, or make calls that increase your invoice.

### Using Your Phone With a Hearing Aid Device

When some wireless phones are used with certain hearing devices (including hearing aids and cochlear implants), users may detect a noise which can interfere with the effectiveness of the hearing device.

Some hearing devices are more immune than others to this interference noise, and phones also vary in the

amount of interference noise they may generate. ANSI standard C63.19 was developed to provide a standardized means of measuring both wireless phone and hearing devices to determine usability rating categories for both.

Ratings have been developed for mobile phones to assist hearing device users in finding phones that may be compatible with their hearing device. Not all phones have been rated for compatibility with hearing devices. Phones that have been rated have a label located on the box. Your phone has an M4 and a T4 rating.

These ratings are not guarantees. Results will vary depending on the user's hearing device and the individual's type and degree of hearing loss. If a hearing device is particularly vulnerable to interference noise, even a phone with a higher rating may still cause unacceptable noise levels in the hearing device. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements for hearing aid compatibility and are likely to generate less interference to hearing devices than unrated phones. (M4 is the better/higher of the two ratings.)

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. (T4 is the better/higher of the two ratings. Note that not all hearing devices have telecoils in them.)

**Note:** This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Hearing aid devices may also be measured for immunity to interference noise from wireless phones and should have ratings similar to phones. Ask your hearing healthcare professional for the rating of your hearing aid. Add the rating of your hearing aid and your phone to determine probable usability:

- Any combined rating equal to or greater than six offers excellent use.
- Any combined rating equal to five is considered normal use.
- Any combined rating equal to four is considered usable.

Thus, if you pair an M3 hearing aid with an M3 phone, you will have a combined rating of six for “excellent use.” This is synonymous for T ratings.



More information about hearing aid compatibility may be found at: <http://www.fcc.gov/>, <http://www.fda.gov/>, and <http://www.accesswireless.org>.

## **Getting the Best Hearing Device Experience With Your Phone**

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To further minimize interference, move the phone around to find the point with the least interference.

### **Caring for the Battery**

#### **Protecting Your Battery**

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The guidelines listed below help you get the most out of your battery's performance:

- Recently there have been some public reports of wireless phone batteries overheating, catching fire, or exploding. It appears that many, if not all, of these reports involve counterfeit or inexpensive, aftermarket-brand batteries with unknown or questionable manufacturing standards. Use only manufacturer-approved batteries and accessories. Buying the right batteries and accessories is the best way to ensure they're genuine and safe.
- Do not disassemble or open, crush, bend or deform, or puncture or shred the battery.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion, or other hazard.

- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion, or other hazard.
- Do not short-circuit a battery or allow metallic conductive objects to contact battery terminals.
- Keep the metal contacts on top of the battery clean.
- Battery usage by children should be supervised.

## Charging

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- Only charge the battery using the provided AC adapter. Use of any other device may present a risk of fire, explosion, leakage, or other hazard.
- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the AC adapter in direct sunlight or in high humidity areas, such as the bathroom.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.

- Do not touch the AC adapter, charging cable, or charger/USB port with wet hands. Doing so may cause electric shock, injury, or product failure.
- Do not charge your phone in a wet or damp place, such as in a bathroom or near a kitchen sink.
- Replace the battery only with another qualified battery. Use of an unqualified battery may present a risk of fire, explosion, leakage, or other hazard. If you are unsure about whether a replacement battery is compatible, contact customer support.

## **Common Causes of Battery Drain**

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- Playing games or using the Web
- Keeping backlighting on
- Operating the phone far away from a base station or cell site
- Using data cables or accessories
- Operating the phone when no service is available, or service is available intermittently
- High volume settings
- Repeating sound, vibration, or lighted alerts

## Storing

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- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
  - Less than one month:  
-4° F to 140° F (-20° C to 60° C)
  - More than one month:  
-4° F to 113° F (-20° C to 45° C)

## Disposal of Lithium Ion (Li-ion) Batteries

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- Promptly dispose of used batteries in accordance with local regulations.
- Never dispose of the battery by incineration.
- Do not handle a damaged or leaking Li-ion battery as you can be burned.
- For safe disposal options of your Li-ion batteries, contact your nearest authorized service center.

**Special Note:** Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

## Radio Frequency (RF) Energy

### Understanding How Your Phone Operates

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Your phone is a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. Your phone is designed to transmit just enough RF power to reach the network. The system handling your call controls the RF power level. Depending on network conditions, your phone may operate at an actual Specific Absorption Rates (SAR) level below the maximum value specified. Your phone is designed not to exceed the recommended international guidelines for limits on RF exposure.

### Knowing Radio Frequency Safety

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The design of your phone complies with updated NCRP standards described below.

In 1991–92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers, and physicians from universities, government health agencies, and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted a hybrid standard

consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

## **Body-Worn Operation**

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To maintain compliance with FCC RF exposure guidelines, always use an appropriate accessory if using the phone for body worn operations. Accessories used with this phone for body worn operations must not contain any metallic components and must provide at least 0.59 inches (1.5 centimeters) separation distance between the user's body and the phone, including antennas. Body worn accessories that do not meet these requirements may not comply with FCC RF exposure requirements and should be avoided.

This device is not intended to be used with a lanyard or strap on the body. The device contains a mounting point that may be used to attach the device to equipment, a backpack, or tool belt, etc.

For more information about RF exposure, visit the FCC website at <http://www.fcc.gov>.

## **Specific Absorption Rates (SAR) for Wireless Phones**

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The SAR value corresponds to the relative amount of RF energy absorbed into the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring, and calculation process. It does not represent how much RF the

phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design, and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the your phone are:

Head: 0.77 W/kg

Body-worn: 1.43 W/kg

Hotspot: 1.06 W/kg

In the US, the SAR limit for mobile devices used by the public is 1.6 watts/kg (W/kg) averaged over 1 gram of tissue for the body or head.

Phone models may have different versions and more than one value. Changes in design or components may occur over time and some changes could affect SAR values. More information on the phone's SAR can be found on the following FCC website: <http://www.fcc.gov/oet/ea/>.

## FCC Radio Frequency Emission

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This phone meets the FCC Radio Frequency Emission Guidelines.

FCC ID number: V65S2720

## FCC Notice

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.



If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the direction of the internal antennas.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Owner's Record

Model: S2720

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment.

It is important to record the serial number and model number for future reference. This will be helpful if you need to contact us about your phone in the future.

**Important:** Carefully read our End User License Agreement at our website <http://www.kyoceramobile.com/support/phone/> before using or otherwise accessing the software or services provided with your Kyocera device.

# Manufacturer's Warranty

Kyocera International, Inc. ("KYOCERA") offers you a limited warranty that the enclosed product or products (the "Product") will be free from defects in material and workmanship for a period that expires one year from the date of sale of the Product to you, provided that you are the original end-user purchaser of the Product and provided that your purchase was made from an authorized supplier. Transfer or resale of a Product will automatically terminate warranty coverage with respect to that Product.

This limited warranty is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product. KYOCERA shall, at its sole and absolute discretion, either repair or replace a Product (which unit may use refurbished parts of similar quality and functionality) if found by KYOCERA to be defective in material or workmanship, or if KYOCERA determines that it is unable to repair or replace such Product, KYOCERA shall refund the purchase price for such Product, provided that the subject Product (i) is returned, with transportation prepaid, to a KYOCERA authorized service center within the one year warranty period, and (ii) is accompanied by a proof of purchase in the form of a bill of sale or receipted invoice which evidences that the subject Product is within the one year warranty period ("Proof of Purchase"). After the one year warranty period, you must pay all shipping,

parts, and labor charges. This limited warranty does not cover and is void with respect to the following:

- (i) Products which have been improperly installed, repaired, maintained, or modified (including the antenna);
- (ii) Products which have been subjected to misuse (including Products used in conjunction with hardware electrically or mechanically incompatible or Products used with software, accessories, goods, or ancillary or peripheral equipment not supplied or expressly authorized by KYOCERA for use), abuse, accident, physical damage, abnormal use or operation, improper handling or storage, neglect, exposure to fire, water (except for Product certified for protection against water; see the Kyocera product website for details on your Product), or excessive moisture or dampness, or extreme changes in climate or temperature;
- (iii) Products operated outside published maximum ratings;
- (iv) cosmetic damage;
- (v) Products on which warranty stickers or Product serial numbers have been removed, altered, or rendered illegible;
- (vi) customer instruction;
- (vii) cost of installation, setup, removal or reinstallation;
- (viii) signal reception problems (unless caused by defect in material or workmanship);
- (ix) damage the result of fire, flood, acts of God, or other acts which are not the fault of KYOCERA and which the Product is not specified to tolerate, including damage caused by mishandling and blown fuses;
- (x) consumables (such as memory cards, fuses, etc.);
- (xi) third party software or applications, data and equipment not originally supplied with the Product;
- (xii) any Product in which the software has not been updated to the current version;
- (xiii) any Product in which the operating system has been unlocked (allowing

installation of a third party operating system); or (xiv) any Products which have been opened, repaired, modified, or altered by anyone other than KYOCERA or a KYOCERA authorized service center. Before returning any Product for service, be sure to back up data and remove any confidential, proprietary, or personal information from the Product. KYOCERA is not responsible for damage to or loss of any software, applications, data, or removable storage media.

USE ONLY APPROVED ACCESSORIES WITH KYOCERA PHONES. USE OF ANY UNAUTHORIZED ACCESSORIES MAY BE DANGEROUS AND WILL INVALIDATE THE PHONE WARRANTY IF SAID ACCESSORIES CAUSE DAMAGE OR A DEFECT TO THE PHONE.

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REPAIR OR REPLACEMENT OF A DEFECTIVE PRODUCT OR REFUND OF THE PURCHASE PRICE

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